



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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C3-K

Job Sheet 193756



Part No: C3-K

Job Qty: 1 pcs

Part Name: C-Series Remote Hook 3,000 lbs Lift Capacity - Keeperless



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/22/19

Job Tracking No:

Due Date: 5/14/19

Created By: Jennifer Renwick

Type: SOLD

Description:

Note: DWG C3-K Rev 3 IPP Rev A 18.03.16 New issue DP Verify DD

Ship Via:

Order
15712

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Run Hrs Hrs	Workcenter/Supplier	Sign-off
95	External Load - 1	1 pcs	5/14/19	0.00 1.00	External Load - 1	AP	
					External Load - 2		
					External Load - 3		
100	External Load - 2 - B4B	1 pcs	5/14/19	0.00 1.00	External Load - 1 - B4B		
					External Load - 2 - B4B		
					External Load - 3 - B4B		
110	QC 5	1 pcs	5/14/19	0.00 0.00	QC 5 - 10		
					QC 5 - 12		
					QC 5 - 17		
					QC 5 - 18		
					QC 5 - 19		
					QC 5 - 22		
					QC 5 - 24		
					QC 5 - 3		
					QC 5 - 43		
					QC 5 - 49		
					QC 5 - 51		
					QC 5 - 58		
					QC 5 - 68		
					QC 5 - 9		
					QC 5 - 50		DAS
					QC 5 - 30		30
					QC 5 - 40	DAS	9-89
120	DC - 1 - B4B	1 pcs	5/14/19	0.00 0.00	DC - 1 - B4B	21	
					DC - 2 - B4B	9-89	
130	Packaging 3-2 - Stock - B4B	1 pcs	5/14/19	0.00 0.00	Packaging 3 - 1 - B4B		
					Packaging 3 - 2 - B4B		
					Packaging 3 - 3 - B4B		
					Packaging 3 - 4 - B4B		
					Packaging 3 - 5 - B4B		
					Packaging 3 - 6 - B4B		
					Packaging 3 - 7 - B4B		
					Packaging 3 - 8 - B4B		
					Packaging 3 - 9 - B4B		
					Packaging 3 - 10 - B4B		
					Packaging 3 - 11 - B4B		
					Packaging 3 - 12 - B4B		
					Packaging 3 - 13 - B4B		
					Packaging 3 - 14 - B4B		
					Packaging 3 - 15 - B4B		
					Packaging 3 - 16 - B4B		
					Packaging 3 - 17 - B4B		

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\$186875



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h: \$186875

Date: 06/04/19

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JUN 13 2019



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Container No: S186875



Part: C3-K

Job No: 193756

Serial No/Batch: S186875

Revision: 3

Inspector:

Exp Date:

Instructions:

Date: 06/04/19

				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140 QC 21 - SA	1 pcs	5/14/19	0.00 0.00	QC 21 - SA - 21	DAC
				QC 21 - SA - 70	21
				QC 21 - SA - 53	9-85 JUN 13 2019

Part Op 95 - Issue S/N

Descriptions: 100 - (Small Fab)1- PICK C3-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 2. 2-

ASSEMBLE AS PER DWG

110 - (QC5- Inspect part completeness to step on W/O)

120 - (Document Control) Photocopy blue file OM & OOPM-C3 Rev 4

130 - (Identify as per dwg & Stock Location: _____) Identify and Stock

140 - (QC21- Final Inspection - Work Order Release)

Lactite 242 (M138933)
 Lactite 620 (S166705)
 Aeroshell grease NO. 7 (S138964)
 Saf-T-eye (M128063)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	95-External Load - 1	① 5073061
188-FSCS-832-5/8	Clock Spring Cover Screw	4 Ea (4 ea)	100-External Load - 2 - B4B	① 5110495
2595K22	Heat Shrink Tube	1 pcs (1 ea)	100-External Load - 2 - B4B	5126989
32446	Crimp Terminal	2 Ea (2 ea)	100-External Load - 2 - B4B	5073647
8183K6	Wire Guide/Grip	1 Ea (1 ea)	100-External Load - 2 - B4B	5090924
AN4-16A	Bolt	3 Ea (3 ea)	100-External Load - 2 - B4B	5118247
AN4-17A	Bolt	1 Ea (1 ea)	100-External Load - 2 - B4B	5157301
AN6-15A	Bolt	1 Ea (1 ea)	100-External Load - 2 - B4B	5157429-1
C2-1-1	Manual Release Knob	1 pcs (1 ea)	100-External Load - 2 - B4B	5068641
C2-10-1	Lock Spring Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5157074
C2-11-2	Locating Pin	2 Ea (2 ea)	100-External Load - 2 - B4B	5068051
C2-3-1	Latch Shaft Du Bearing	2 pcs (2 ea)	100-External Load - 2 - B4B	5061528
C2-3-10	Latch Shaft	1 pcs (1 ea)	100-External Load - 2 - B4B	5177832
C2-3-11	Actuator	1 pcs (1 ea)	100-External Load - 2 - B4B	5046764
C2-3-2	Latch Roller Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5174393
C2-3-2-1	Roller Pin Retaining Ring	2 Ea (2 ea)	100-External Load - 2 - B4B	5029243
C2-3-3	Latch Roller	1 pcs (1 ea)	100-External Load - 2 - B4B	5168898
C2-3-3-1	Latch Roller DU Bearing	1 pcs (1 ea)	100-External Load - 2 - B4B	5116487
C2-3-5	Spacer, Teflon	2 Ea (2 ea)	100-External Load - 2 - B4B	5120798
C2-3-6	Latch	1 pcs (1 ea)	100-External Load - 2 - B4B	5111642
C2-3-8	Actuator Shaft Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5148221
C2-5-1	Actuator Stop	1 Ea (1 ea)	100-External Load - 2 - B4B	5178019
C3-10-2	Lock Spring	1 pcs (1 ea)	100-External Load - 2 - B4B	5072964
C3-11-1	Side Plate - Solenoid C3-Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5113706
C3-12-1	Lock Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5079472
C3-12-2	Lock Shaft - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5117910
C3-12-3	Lock - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5080193
C3-12-4	Lock Roller	1 pcs (1 ea)	100-External Load - 2 - B4B	5142603
C3-12-5	Lock Roller Pin	1 pcs (1 ea)	100-External Load - 2 - B4B	5125633
C3-12-6	Lock Roller Pin Circlip	2 Ea (2 ea)	100-External Load - 2 - B4B	5100174
C3-13-1	Keeper Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5157956
C3-13-4-2	Keeperless Adapter	1 pcs (1 ea)	100-External Load - 2 - B4B	5177819
C3-2-1	Side Plate C-3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5129082
C3-3-4	Link Pin	2 pcs (2 ea)	100-External Load - 2 - B4B	5175253
C3-3-4-1	Ring, Retaining	4 pcs (4 ea)	100-External Load - 2 - B4B	5118503
C3-3-7	Link	1 pcs (1 ea)	100-External Load - 2 - B4B	5177831
C3-3-9	Actuator Spring	1 pcs (1 ea)	100-External Load - 2 - B4B	5048430
C3-4-1	Load Beam Bushing	2 pcs (2 ea)	100-External Load - 2 - B4B	5128685
C3-4-4KA	Keeperless Load Beam Assembly - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5075380
C3-7-1	Load Beam Bumper	1 pcs (1 ea)	100-External Load - 2 - B4B	5112143
C3-7-2	Lock Bumper	2 pcs (2 ea)	100-External Load - 2 - B4B	5107793
C3-8-2	Solenoid	1 pcs (1 ea)	100-External Load - 2 - B4B	5110988
C3-8-4	Solenoid Cover Gasket	1 pcs (1 ea)	100-External Load - 2 - B4B	5156744
C3-8-5	Solenoid Cover	1 pcs (1 ea)	100-External Load - 2 - B4B	5150351
C3-9-1	Clock Spring Cover - C3 Hook	1 pcs (1 ea)	100-External Load - 2 - B4B	5153419
C3-9-2	Spring, Clock	1 pcs (1 ea)	100-External Load - 2 - B4B	5116296
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	100-External Load - 2 - B4B	5089524
M27500-16TG2T14	Wire - 16-Gauge - Shielded	1 ft (1 ea)	100-External Load - 2 - B4B	5176126
MS21044N4	Nut, Self-Locking	4 Ea (4 ea)	100-External Load - 2 - B4B	5075144
MS21083-N3	Nut	2 Ea (2 ea)	100-External Load - 2 - B4B	5116956
MS21083N6	Nut	1 Ea (1 ea)	100-External Load - 2 - B4B	5087438
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-External Load - 2 - B4B	5076012
NAS1149F0332P	Washer	2 Ea (2 ea)	100-External Load - 2 - B4B	5078256
NAS1149F0363P	Washer	1 Ea (1 ea)	100-External Load - 2 - B4B	5103666-1
NAS1149F0463P	Washer	8 Ea (8 ea)	100-External Load - 2 - B4B	5024738
NAS1149F0632P	Washer	2 Ea (2 ea)	100-External Load - 2 - B4B	5097088-2
				5137711

NAS1149 50 663 R

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5076016-1

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
95-External Load - 1	188-FPSS-1032-1/4	2	194	0
	188-FSCS-832-5/8	4	111	0
100-External Load - 2 - B4B	2595K22	1	36	0
	32446	2	706	0
	8183K6	1	34	0
	AN4-16A	3	280	0
	AN4-17A	1	457	0
	AN6-15A	1	20	0
	C2-1-1	1	5	0
	C2-10-1	1	75	0
	C2-11-2	2	58	0
	C2-3-1	2	22	0
	C2-3-10	1	3	0
	C2-3-11	1	0	0
	C2-3-2	1	27	0
	C2-3-2-1	2	96	0
	C2-3-3	1	51	0
	C2-3-3-1	1	25	0
	C2-3-5	2	69	0
	C2-3-6	1	11	0
	C2-3-8	2	12	0
	C2-5-1	1	13	0
	C3-10-2	1	25	0
	C3-11-1	1	3	0
	C3-12-1	2	31	0
	C3-12-2	1	27	0
	C3-12-3	1	9	0
	C3-12-4	1	32	0
	C3-12-5	1	8	0
	C3-12-6	2	52	0
	C3-13-1	2	18	0
	C3-13-4-2	1	5	0
	C3-2-1	1	1	0
	C3-3-4	2	22	0
	C3-3-4-1	4	77	0
	C3-3-7	1	20	0
	C3-3-9	1	60	0
	C3-4-1	2	1	0
	C3-4-4KA	1	11	0
	C3-7-1	1	13	0
	C3-7-2	2	46	0
	C3-8-2	1	13	0
	C3-8-4	1	10	0
	C3-8-5	1	10	0
	C3-9-1	1	18	0
	C3-9-2	1	38	0
	EL-PLUG-M	1	37	0
	M27500-16TG2T14	1	50	0
	MS21044N4	4	120	0
	MS21083-N3	2	149	0
	MS21083N6	1	113	0
	MS35266-63	1	30	0
	NAS1149F0332P	2	5,239	0
	NAS1149F0363P	1	440	0
	NAS1149F0463P	8	509	0
	NAS1149F0632P	2	389	0
Part Specifications				
Specifications could not be found.				

Plex 4/22/19 11:51 AM Dart.Renwick.Jennifer



Remote Cargo Hook Test Form

C3

MAKE SURE YOU ARE USING THE CORRECT TEST FORM FOR THE CORRECT SOLENOID!

NEW SOLENOID (152951-001)

Work Order 193756

Customer 15712

Serial Number 5186875

Date 2019-6-12

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/Fail
1	7,500	Static Hold	Hold for two minutes and reduce load to zero	N/A	<u>Pass</u>
10	1,500	Electircal, 25 volts	No "hang ups" permitted	N/A	<u>Pass</u>
2	3,000	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>8.6</u> A	<u>Pass</u>
2	2,500	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>8.5</u> A	<u>Pass</u>
2	2,000	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>8.6</u> A	<u>Pass</u>
2	1,500	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>8.5</u> A	<u>Pass</u>
2	500	Electircal, 22 volts	Current shall not exceed 12.8 A	<u>8.5</u> A	<u>Pass</u>
1	3,000	Electircal, 20 volts	Current shall not exceed 11.6 A	<u>7.8</u> A	<u>Pass</u>
1	3,000	Electircal, 28 volts	Current shall not exceed 16.2 A	<u>10.7</u> A	<u>Pass</u>
1	3,000	Manual		N/A	<u>Pass</u>
1	3,000	Impact Test	Impact shackle 10x , shall not release	N/A	<u>Pass</u>
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ω	<u>2.0</u> Ω	<u>Pass</u>
1	N/A	Electircal Continuity	Across both wires	N/A	<u>Pass</u>

Test Conducted By:

Michael Relande

Technician

Submit

Signature:

Sylvie Bouchard
QC / Small FAB / QA